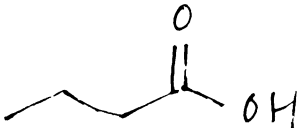
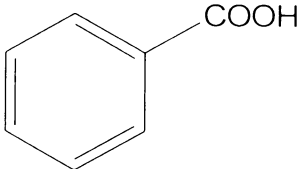
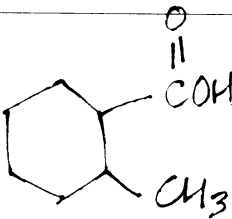
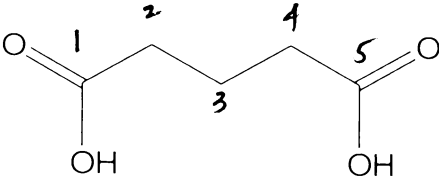

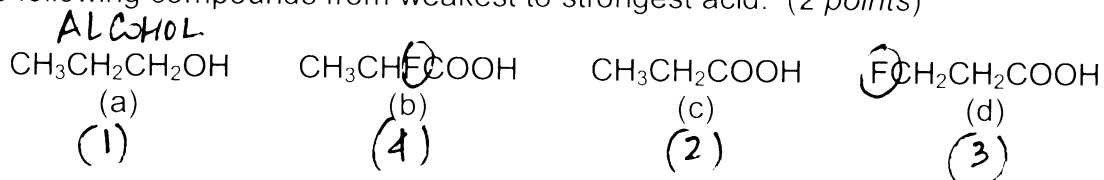


**Basic Competency Quiz #5***Intro to Organic Chemistry, 3<sup>rd</sup> ed., Brown & Poon, chapter 14 (Carboxylic Acids)**Unless otherwise specified, each question is worth 2 points.*

1. Complete the following table: (2 points each)

	NAME	FORMULA / STRUCTURE
a	butanoic acid	
b	BENZOIC ACID	
c	2-methylcyclohexanecarboxylic acid	
d	PENTANEDIOIC ACID	
E	sodium propanoate	

2. Rank the following compounds from weakest to strongest acid: (2 points)



(a), (c), (d), (b)

3. Draw the structure of the major organic product or products for each of the following chemical reactions: (2 points each)

